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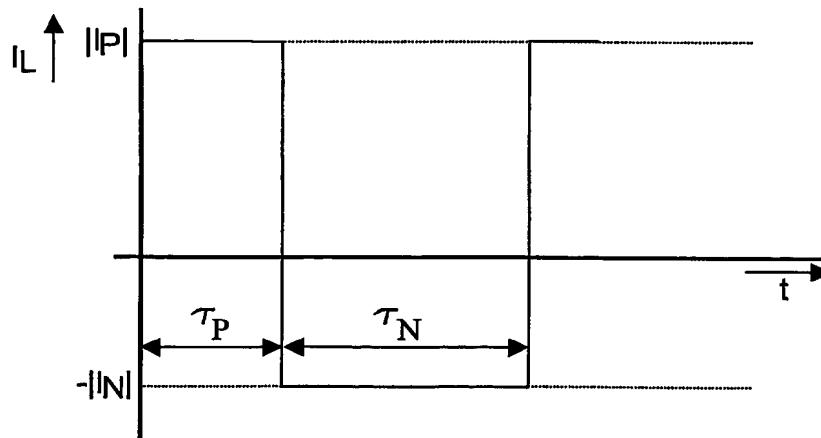
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(54) Title: METHOD AND DEVICE FOR DRIVING A METAL HALIDE LAMP

$$\begin{aligned} \tau_P < \tau_N \\ |I_P| > |I_N| \\ I_{AV} = \frac{\tau_P \cdot |I_P| - \tau_N \cdot |I_N|}{\tau_P + \tau_N} = 0 \end{aligned}$$



(57) Abstract: A gas discharge lamp (2) is operated with an alternating current. A positive lamp current (I_P) is generated with a positive current intensity (I_P) for a positive duration (τ_P). A negative lamp current (I_N) is generated with a negative current intensity (I_N) for a negative duration (τ_N). A duty cycle ($D = \tau_P / (\tau_P + \tau_N)$) differs from 50%. A current ratio ($R = I_P / I_N$) differs from 1.

**Declaration under Rule 4.17:**

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